



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

SHAPIRO, Alla

For: RADIOPROTECTIVE AGENTS

Serial No.: 09/916,257

Filed: July 30, 2001

Honorable Commissioner of
Patents and Trademarks
Washington, D.C. 20231

Sir:

Attorney Dkt. No. 7505.100

Group Art Unit: 1617

Examiner: Shahnam J. Sharareh

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5/29/03
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AMENDMENT

In the Claims

1. Please cancel claims 10-16, 26-28
2. Please amend the claims as follows:

B1
1. (Amended) A method of treatment or prophylactic treatment of the harmful effects of ionizing radiation throughout the entire body of a mammal exposed to radiation, said method comprising administering to said mammal a therapeutically effective amount of an isoflavone.

2. (Amended) The method of claim 1 wherein said radiation is selected from the group consisting of a lethal dose of ionizing radiation, a sub-lethal dose of ionizing radiation and a chronic low-dose of ionizing radiation.

B2
17. (Amended) A method of protecting throughout the entire body of personnel in need thereof exposed to ionizing radiation from radioactive substances, said method comprising administering to said personnel a therapeutically effective amount of an isoflavone.